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Present Position

Assistant Professor, Department of Instrumentation Engineering, Madras Institute of Technology, Anna University, Chennai from October-2009.

Previous Positions

- Assistant Professor, Department of Instrumentation Engineering, Madras Institute of Technology, Anna University, Chennai from October-2009.

Other Employment

- Assistant Professor, Shri Andal Alagar College of Engineering for 4 years.

Degree

- ❖ M.E. in Instrumentation Engineering, MIT Campus, Anna University (2003 - 2005).

Area of Specialisation

- Image processing based Measurements

Membership in Professional Organization

- IETE Member

Research Guidance

Number of M.E./ M.Tech. Projects : 7
Guided
Number of M.E./ M.Tech. Projects : 1
Guiding

Papers Published in Journals

Research Papers Published in International Journals : 2
Research Papers Published in National Journals : 0

1. C Shanthi N Pappa J. Aswini, "Digital Image Processing Based Flow Regime Identification of Gas/Liquid Two - Phase Flow", IFAC Papers online, published by Elsevier. Vol. 46, Issue 32, pp. 409-414 (2013).
2. C Shanthi N Pappa, " An Artificial Intelligence based Improved Classification of Two-Phase Flow Patterns with Feature Extracted from Acquired Images", ISA Transactions, published by Elsevier. (2016).

Papers Presented in Programmes

Research Papers Presented in International Programmes : 4
Research Papers Presented in National Programmes : 2

1. Shanthi C, Elavarasi, Pappa.N, "Digital Image Processing based two-phase flow measurement" presented in a International level conference on International conference on Mathematical Modeling and Applied Soft Computing, organised by CIT, Coimbatore , India from 11-Jul-2012 to 13-Jul-2012.
2. "Soft Sensor for two-phase flow measurement" presented in a International level conference on International conference on Mathematical Modeling and Applied Soft Computing, organised by CIT, Coimbatore , India from 11-Jul-2012 to 13-Jul-2012.
3. "Flow pattern identification of gas/liquid two-phase flow using image processing based fuzzy logic" presented in a National level conference on Recent trends in Instrumentation and Control , organised by MIT, India from 22-Mar-2013 to 23-Mar-2013.
4. C Deepalakshmi, C. Shanthi,N.Pappa, "Digital Image Processing Based Flow Regime Identification of Gas/Liquid Two - Phase Flow" presented in a International level conference on IFAC-DYCOPS-2013, organised by IIT Bombay, India from 18-Dec-2013 to 20-Dec-2013.
5. on NEC'14, organised by Anna University-Regional Center, Tirunelveli, India from 27-Mar-2014 to 28-Mar-2014.
6. "Model based object recognition for Particle Size Distribution" presented in a International level conference on IEEE Conference-ICACCCT-2014, organised by Shyd Ammal Engg. College, India from 09-May-2014.

Sponsored Projects Completed

1. "Development of Virtual stereo vision sensor " (April-2014 - March-2015). Project Cost: 50000.00.
2. "Braille Messenger" (April-2014 - March-2015). Project Cost: 23050.00.
3. "I2C Smart Billing".. Project Cost: 25000.00.

Programme Organized

1. Co-ordinator, National level Short Course on "FDP on Instrumentation in Petrochemical Industry " from 03-Jun-2013 to 09-Jun-2013.

Programme Attended

1. Attended a National level Short Course on "QIP on Digital Signal Processing " organized by NIITTR, Chennai, India from 04-Oct-2010 to 08-Oct-2010.
2. Attended a National level Short Course on "Advanced Process Control" organized by MIT campus, India from 22-Dec-2010 to 24-Dec-2010.
3. Participated in a National level workshop on "One-day Workshop on "Open Modelica" " organized by MIT campus, India from 28-Apr-2011.
4. Participated in a National level workshop on "FDP on Wireless sensor Networks and cloud computing" organized by MIT, India from 16-May-2011 to 20-May-2011.
5. Participated in a National level workshop on "ISTE workshop on Basic Electronics" organized by IIT, Bombay, India from 08-Jun-2011 to 08-Jul-2011.
6. Attended a National level Short Course on "FDP on Industrial Instrumentation II" organized by MIT, India from 28-May-2012 to 03-Jun-2012.
7. Attended a National level Short Course on "FDP on Digital Control System " organized by MIT, India from 02-Dec-2013 to 08-Dec-2013.
8. Participated in a International level conference on "TIMA 2013" organized by MIT, India from 22-Dec-2013 to 24-Dec-2013.
9. Participated in a National level workshop on "workshop on Image Processing " organized by IEEE Madras section, India from 27-Feb-2014.

Extension & Outreach Programme

1. Participant , ISTE workshop on Basic Electronics, and funded by MHRD at Anna University during 28-Jul-2011 and 08-Jul-2011. No. of participants: 60.